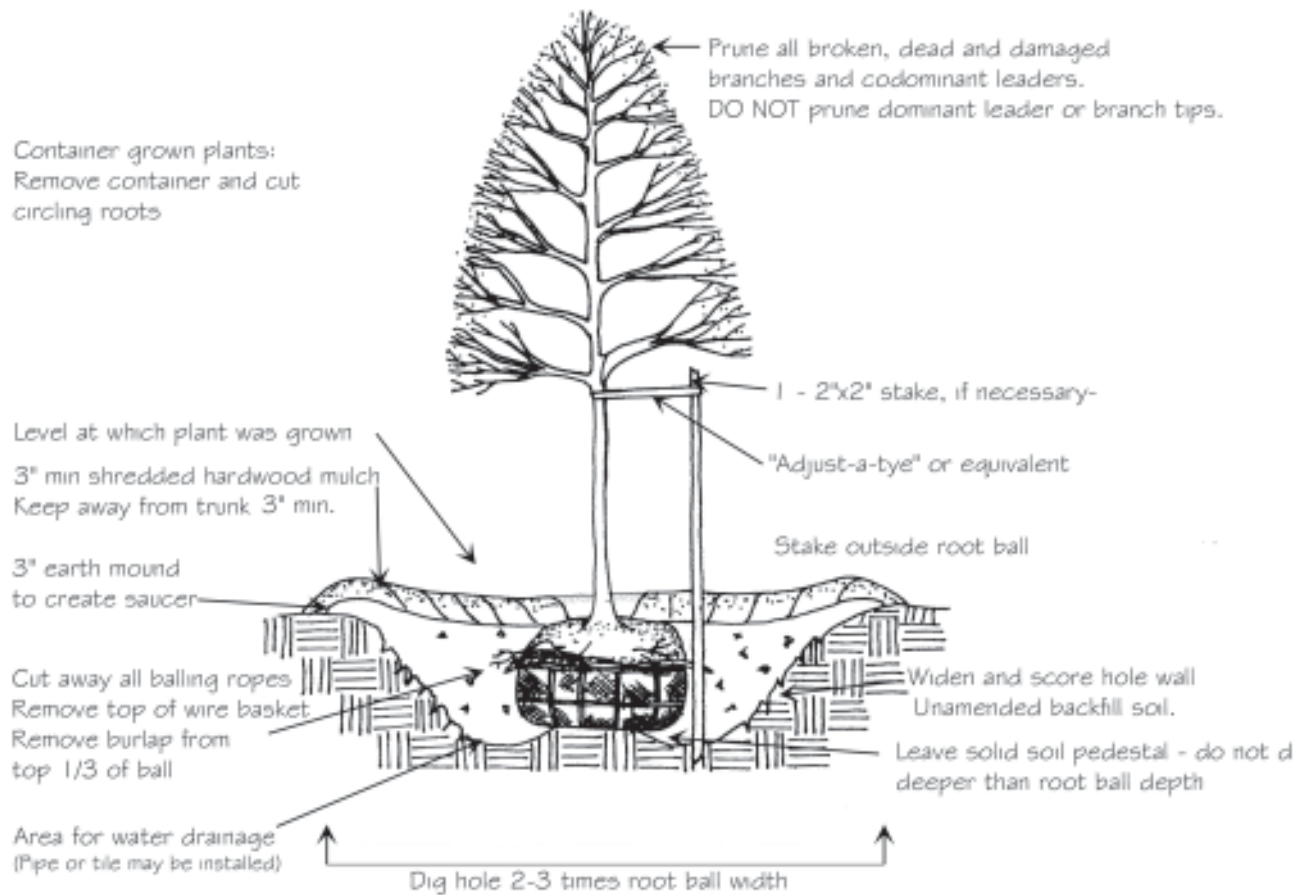
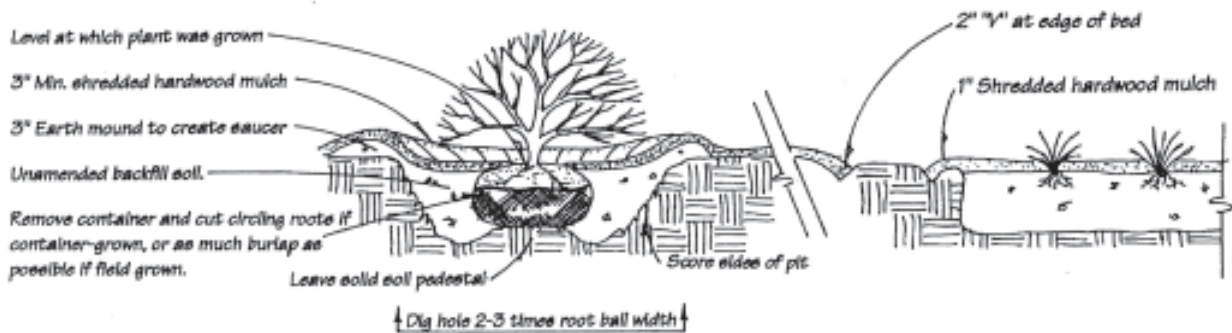


APPENDIX C - PLANTING DETAILS



Tree Planting Detail



Shrub and Groundcover Planting Detail

BARE ROOT SEEDLINGS AND YEAR TRANSPLANTS

(Taken from Section VII of *The Chesapeake Bay Riparian Handbook*. Palone, Roxanne S. and Albert H. Todd, eds. 1998)

Generally, seedlings and year transplants should have the following characteristics when planted:

1. They should be at the same level that they were grown at the nursery. Look for the root collar to determine depth.
2. The roots should be straight down or spread out, but not curved, bent or doubled back to form a “U” or “J” shape.
3. The plant should be firmly tamped in removing any air pockets around the roots.
4. The plant should be in an upright position, even with the ground, not in a hole or on a mound of soil.

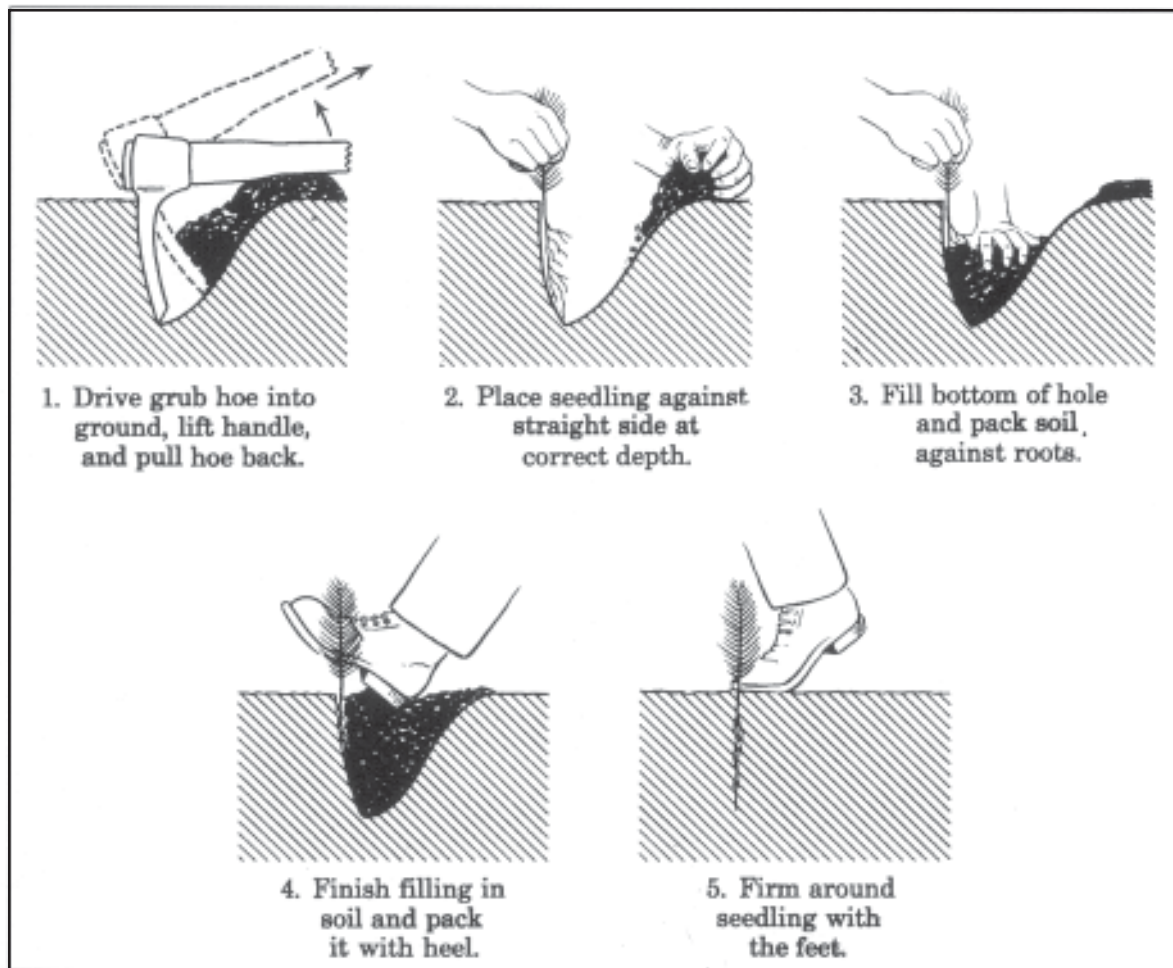


Figure 7 - 8. The Side-Hole Method of Planting. (Sketch adapted from U.S. Forest Service and *The Practice of Silviculture*, Smith, 1986.)

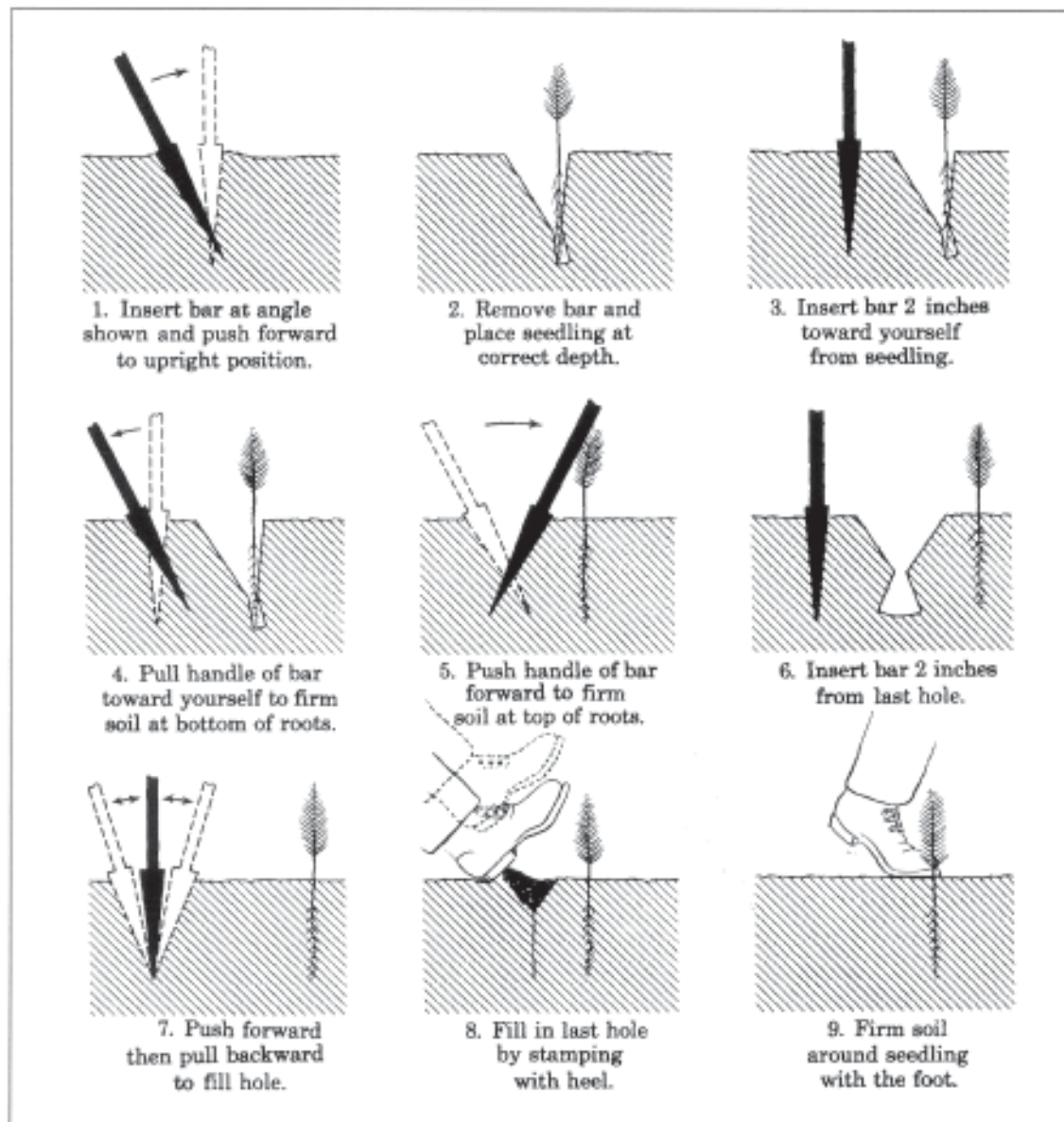


Figure 7 - 7. Slit Method. Steps in the use of the slit method of planting seedlings in sandy soil. (Sketch by U.S. Forest Service.)

Taken from *A Case Study of The Difficult Run Riparian Project: A Guide for Riparian Restoration Projects*. (December 1998) Judith A. Okay. Virginia Department of Forestry. Appendix C, p. 16.

Installing Tree Protectors

3) The flared end of a Supertube is the top. Gently guide the Supertube down over the seedling, making sure the seedling doesn't get caught under the ties.

4) Fasten the ties loosely around the stake. Do not tighten them yet.

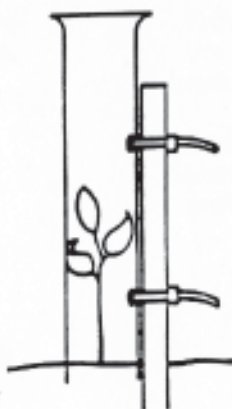
5) Place your gloved hand over the top of the Supertube and push down until the base of the tube sits $\frac{1}{2}$ - 1" deep in the soil.

This is easiest to do right after planting when the soil is loose, or when the soil is moist.

If the soil is packed or dry, try this: Place a board on top of the Supertube (the board should be at least 6" x 6"). Pound the board with a mallet or hammer, to push the base of the Supertube $\frac{1}{2}$ - 1" into the soil.

It is critical that the base of every Supertube be well seated in the soil.

6) Cinch the ties tight.



Installing Protective Net

The plastic net included with your shipment of Supertubes (2' and taller) prevents birds from entering the Supertube and harming themselves or the tree.

The net breaks down over 18 months in the sun. It is designed to allow buds to grow through. However, buds can get caught on the net. Each time you are checking your trees, remove the net from those Supertubes where the tree is a few inches from the top or has already emerged. Bird entry is not a problem after the tree emerges.

1) Expand the bottom of the net.

2) Pull the net 7-8" down the Supertube.

3) Adjust the net so that the ends of the net are just touching.

